FLIGHT

First Aero Weekly in the World.

A Journal devoted to the Interests, Practice, and Progress of Aerial Locomotion and Transport.

OFFICIAL ORGAN OF THE ROYAL AERO CLUB OF THE UNITED KINGDOM

No. 99. (No. 47, Vol. II.) NOVEMBER 19, 1910. [Registered at the G.P.O. as a Newspaper.] [Weekly, Price 1d. Post Free, 1½d.]

AT BELMONT PARK (N.Y.) INTERNATIONAL MEETING.—Hubert Latham, on his Antoinette, [illegible] over Grahame-White on his Henry Farman during one of the competitions.

THE GYROSTATIC FORCE OF ROTARY ENGINES.

By ALBERT KAPTEYN, President of the Aviation Section of the Dutch Aero Club.

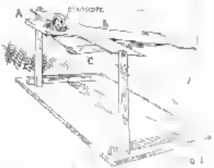
[illegible]

[illegible]

[illegible]

[illegible] [illegible] down [illegible] mounted [illegible] on the upright supports of the [illegible] which [illegible] as shown in the sketch. [illegible] the tail of the model a piece of [illegible] board [illegible] attached, as shown at C, [illegible] make [illegible] the centre of gravity somewhat under the [illegible] of [illegible]. The whole [illegible] balanced by [illegible] weight [illegible] one end or the other.

A [illegible] the top [illegible], the board on which the model is mounted can be [illegible] the [illegible] table.



Sketch illustrating a simple model that can be used to demonstrate the effect of gyroscopic forces on the plane of an Aeroplane.

[illegible] the balance of the model [illegible] different [illegible] [illegible] mixture [illegible] [illegible] immediate [illegible] [illegible] [illegible] [illegible] as stated, [illegible] Wright [illegible] [illegible] [illegible] movement [illegible] [illegible] to consider the worst case.

Even though [illegible] [illegible] [illegible] [illegible] gyroscopic [illegible] explained the danger [illegible] remedy [illegible] [illegible] weathers and [illegible] [illegible]. It does not appear [illegible] seem [illegible] rotary engines [illegible] [illegible] only the propeller [illegible] [illegible] propellers rotating in opposite directions. This has been done by the Brothers Wright [illegible] [illegible] [illegible] that they have [illegible] [illegible] [illegible] machines [illegible] such [illegible] as could not easily be made [illegible] [illegible].

[illegible]

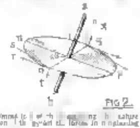


Diagram [illegible] the nature and direction of the gyroscopical forces in a [illegible] disc.

[illegible] [illegible] [illegible] [illegible] [illegible] the disc [illegible] [illegible] [illegible]

T[illegible] gyroscope [illegible]

[illegible] [illegible] [illegible] the [illegible] gyroscopic [illegible] the propellers [illegible] to break the [illegible] damage, although the [illegible] [illegible] [illegible]

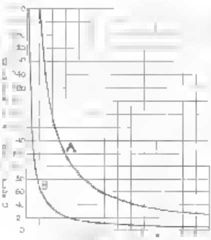
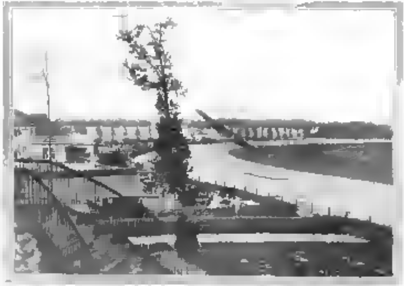


Chart showing the [illegible] couple caused by changing the direction of flight [illegible] Graph A shows values for a rotary [illegible] weighing [illegible] propeller [illegible] Graph B shown values in a stationary engine driving a propeller weighing [illegible] at 1,200 [illegible]

[illegible]

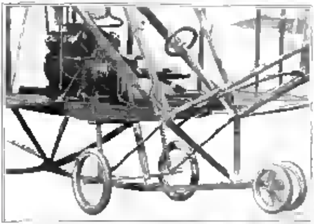


A CLOSE THING. [illegible] Park, N.Y. [illegible]

THE CODY BIPLANE

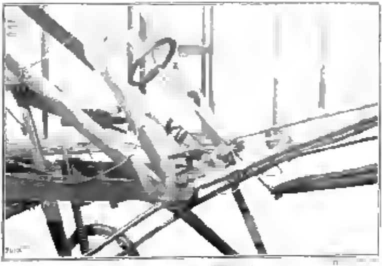
Continued from page [illegible]

[illegible]

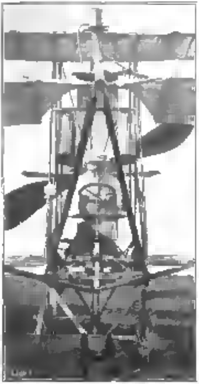


[illegible]

[illegible]



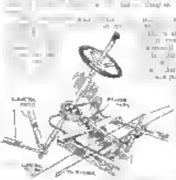
View of the mounting-wheel [illegible] h plane.



Front view of [illegible] Cody at the wheel. This photograph is taken through the radiator, which [illegible] may be judged from the above picture.

Sketch showing how the [illegible] by a ball-socket [illegible] spars [illegible] Cody [illegible]

[illegible]



Sketch showing how the steering-wheel [illegible] operates the [illegible] planes [illegible]

[illegible]

Diagrammatic sketch illustrating the use of the elevators as balancers on the Cody biplane, and also the simultaneous action of the main balancing planes.

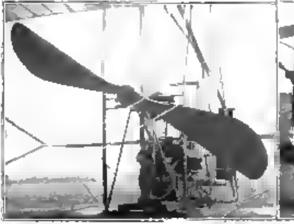
Sketch illustrating how the main ribs are secured to the main spars by a steel strap on the Cody biplane.

The Cody [illegible] [illegible] [illegible] the [illegible] [illegible] of the [illegible] employed on the Cody [illegible]. [illegible] surface has an entering edge [illegible] of flight on the [illegible] the under surface has a [illegible] edge.

[illegible] the joint between [illegible] [illegible] strength [illegible] and [illegible] [illegible] steel sockets.

[illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

The [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] diameter [illegible] [illegible] [illegible] [illegible] [illegible] propeller [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] Cody [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]



V[illegible] C[illegible]

M. Cody [illegible]

[illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] shaped [illegible] that [illegible] by diagonal [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

When [illegible] [illegible] [illegible] [illegible] the ground [illegible] [illegible] of the [illegible] used for the [illegible] of the [illegible] [illegible] down upon these [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] the elevator and tail [illegible] [illegible] [illegible] [illegible] [illegible] against the main planes [illegible] [illegible] [illegible] [illegible] accommodation. The [illegible] [illegible] [illegible] [illegible] [illegible].

The [illegible] [illegible] [illegible] [illegible] of the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] full page drawing. The [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] The [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] The centre [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the centre of the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] diameter [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] operating the elevator [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] main planes [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] upper and lower [illegible] [illegible] main planes [illegible] [illegible] [illegible] by diagonal [illegible] [illegible] [illegible] [illegible] [illegible].

◆ ◆ ◆ ◆

ALEXANDER PRIZE FOR BRITISH MOTORS

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] the competition for the Alexander prize of £1,000, it appears [illegible] of the [illegible] [illegible] [illegible] fulfilling the essential conditions [illegible] they should [illegible] [illegible] [illegible] 24 [illegible] and in consequence the prize [illegible] [illegible] [illegible]. Only one engine [illegible] [illegible] succeeded in running for the full period and [illegible] gave [illegible] h.p. for 24 hours, although subsequently [illegible] [illegible] [illegible] during [illegible] [illegible] [illegible].

The [illegible] [illegible] [illegible] [illegible] [illegible] withdrawn from the competition before they [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] the [illegible] [illegible] [illegible] [illegible] and the [illegible] [illegible] [illegible] [illegible] [illegible] off.

AEROPLANE SILHOUETTES FROM THE PARIS SHOW

THE MAURICE FARMAN BIPLANE.

[illegible] biplane [illegible] Maurice Farman [illegible].

General dimensions.—Supporting surface, 50 square metres; length [illegible]; width, [illegible].

Seating capacity.—Two, one behind the other.

Engine.—Renault, 8-cylinder, V [illegible], air-cooled, [illegible] h.p., weight [illegible] kilogs. Propeller is mounted on the cam-shaft. [illegible]

Propeller.—Chauvière, [illegible] of two branches, 2·5 m. [illegible] in diameter, pitch [illegible]. Mounted behind the main planes.

Chassis and skids.—The two skids are curved forward and [illegible] which [illegible] elevating plane. To each [illegible] fixed, with spring suspension, [illegible] wheels, and are joined by a light axle.

Tail.—Biplane tail [illegible] hinged to the rear struts of the tail. [illegible] hinged to the trailing edges of both tail planes and are connected with and operate simultaneously with the front elevator.

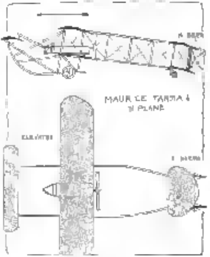
Lateral stability.—By ailerons fitted to the trailing [illegible] of both the upper and lower planes.

Weight.—Without engine, [illegible] kilogs.

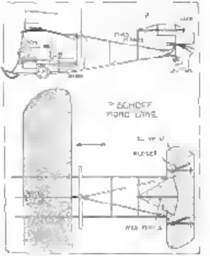
Speed.—About [illegible] kilos. an hour.

System of control.—By a [illegible] shaft, moving [illegible], and mounted on ball bearings. Pulling the wheel elevates the machine, pushing depresses it. [illegible] the [illegible] ailerons, and [illegible] the [illegible]. [illegible] pedals control the rudders.

Price.—Without motor, [illegible] francs; with 50-h.p. Renault, [illegible] francs.



DE PISCHOFF MONOPLANE.



[illegible] seats, engine and [illegible] placed behind the main plane. This machine was designed and [illegible] has since been [illegible] in France.

General dimensions.—Total bearing surface, 27 square metres; length, [illegible]; width, [illegible].

Seating capacity.—Two, seats placed side by side.

Engine.—[illegible] English [illegible] placed in front [illegible] and a [illegible] shaft [illegible] clutch intervening between the engine and [illegible], driving the propeller. E.N.V. and Gnome motors also fitted.

Propeller.—Designed by M. de Pischoff, [illegible] placed behind the main planes, and driven by chain [illegible] pulleys.

Chassis and skids.—The chassis is very simple, [illegible] with the [illegible] mounted in front of the engine. The [illegible] the lower members of the [illegible] with auxiliary [illegible] shocks. Two wheels are fixed below the tail.

Lateral stability is maintained by the flexing of the trailing edge of the wings.

Tail.—Elevation is regulated by the [illegible] of the tail. [illegible] rudders are fixed, and above these is a small triangular fixed [illegible] the upper and under fin. The tail [illegible] type.

Weight.—Complete with engine, 350 kilogs.

Speed.—[illegible] kilos. an hour.

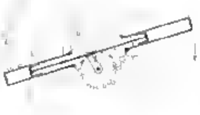
System of control.—By a single lever placed in front of the pilot. A [illegible] movement raises the aeroplane, a forward depresses the machine; a right-hand action [illegible] the wing, and a left-hand [illegible] the opposite. A foot-pedal controls the double vertical rudder.

Price of [illegible] with [illegible]-h.p. [illegible] engine, [illegible] francs.

THE PARADOX ROTARY ENGINE

[illegible]

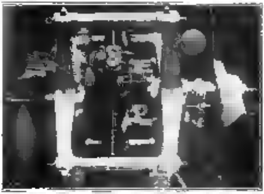
[illegible]



Diagrammatic sketch illustrating the principle of action of the Paradox rotary engine, also showing the relative paths of the piston and cylinder.

[illegible]

[illegible]



The Paradox [illegible] engine [illegible] the magneto. [illegible] aeroplane type of [illegible] framework supporting the engine is [illegible].

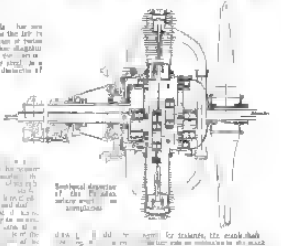
Diagrams illustrating two geometrical principles that are related to the action of the [illegible] engine. On the left is a diagram [illegible] only the crank-shaft [illegible] at twice the speed of the propeller, and on the right is another diagram illustrating that the path traced by a point on the [illegible] circumference of a small circle rolling inside a larger circle is a straight line [illegible] the diameter of the [illegible]

[illegible] relative differences in the angular [illegible] the piston and cylinder [illegible] with the [illegible] engine, that it possesses [illegible] the characteristics of [illegible] engine [illegible] There is [illegible] pressure along the [illegible]

[illegible]

[illegible] in the [illegible] be attached [illegible] with this feature in an ordinary engine.

[illegible] photographs [illegible] the principal [illegible] of the engine [illegible] The magneto [illegible] The engine illustrated [illegible]



Sectional drawing of the [illegible] rotary engine.

[illegible] for instance, the crank-shaft [illegible]

[illegible] capacity of [illegible] engine is [illegible]

* * *

IMPORTS AND EXPORTS, 1910.

[illegible] balloons and parts [illegible]

Imports.	£	Exports.	£	Re-Exportation.	£
January	[illegible]	January	[illegible]	January	[illegible]
February	337	February	[illegible]	February	[illegible]
March	[illegible]	March	[illegible]	March	[illegible]
April	[illegible]	April	[illegible]	April	[illegible]
May	[illegible]	May	[illegible]	May	[illegible]
June	[illegible]	June	[illegible]	June	[illegible]
July	[illegible]	July	[illegible]	July	[illegible]
August	[illegible]	August	[illegible]	August	[illegible]
September	[illegible]	September	[illegible]	September	[illegible]
October	[illegible]	October	[illegible]	October	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* * *

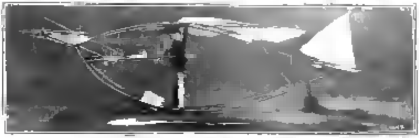
FLIGHT PORTRAITS.

Full page Portraits which have appeared in "Flight." [illegible] copies [illegible] Martin's Lane, W.C., for 2d. each.

	1909.		1910.
S. F. Cody	[illegible]	Capt. Maitland [illegible]	July [illegible]
J. T. C. [illegible] Brabazon	[illegible]	Hon. Alan Boyle	[illegible]
The late Hon. C. S. Rolls	[illegible]	Armstrong Drexel	[illegible]
[illegible]	[illegible]	Lancelot D. Gibbs	Aug. [illegible]
		James Radley	[illegible]
Roger W. Wallace	Jan.	John B. Moisant	[illegible]
[illegible]	[illegible]	[illegible]	Sept. [illegible]
[illegible]	[illegible]	[illegible]	[illegible]
A. V. Roe	[illegible]	Hubert Latham	[illegible]
[illegible]	Feb.	[illegible]	[illegible]
[illegible]	Mar.	[illegible]	Oct. [illegible]
Claude Grahame-White	April	[illegible]	[illegible]
Cecil Grace	July	D. Graham Gilmour	[illegible]

AEROPLANES AT THE STANLEY SHOW

ONLY two or three aeroplanes, and one [illegible] machine, are [illegible] at the [illegible] Stanley Show [illegible] wooden fuselage [illegible] type [illegible] by M. [illegible] The two wings have [illegible] and the [illegible]

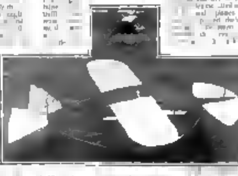


Major Baden-Powell's [illegible]

[illegible] Major Baden-Powell's machine [illegible] American [illegible] Peristedral [illegible] The [illegible] tail [illegible] planes [illegible] The total stated weight of the [illegible] Major Baden-Powell [illegible]

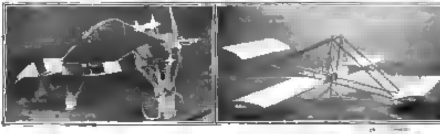
The Stewart monoplane [illegible] The [illegible]

[illegible] natural [illegible] lifting [illegible] stability [illegible] planes. A [illegible]



[illegible] Major Baden-Powell's Monoplane [illegible] the stability [illegible] be noticed, [illegible]

The model [illegible] 35-h.p. [illegible] propeller.



AT THE STANLEY SHOW. On the left is seen the Stewart monoplane which, it will be noticed, has hinged ailerons fitted to the trailing edges of the main plane. On the right is seen the machine designed by Mr. Stanley Billings for teaching pupils the essential points in regard to the manipulation of an aeroplane. It was shown by Mr. Clay [illegible] Lane. This was also illustrated in FLIGHT some months ago.

The Royal Aero Club of the United Kingdom

OFFICIAL NOTICES TO MEMBERS

Committee Meeting

A meeting of the Committee was held on [illegible], when there were present:—Mr. R. W. Wallace, K.C., in the Chair, Mr. Griffith Brewer, [illegible] Bucknall, Mr. J. H. [illegible] F.R.S., Prof. A. K. Huntington, [illegible] and Harold E. Perrin, Secretary.

New Members.—The following new members were elected:—

[illegible] Cyril [illegible] Moore.
[illegible]

Aviators' Certificates.—The following Aviators' Certificates were granted:—

[illegible]
[illegible] Capt. [illegible] Fulton, R.F.A.
[illegible] F. Macdonald.
[illegible]

Rolls Memorial Library.—The following [illegible] have been appointed [illegible] Sir David L. Salomons, Bart., [illegible] Prof. A. K. Huntington, [illegible] and [illegible]

New York Aviation Meeting.

[illegible]

The Committee considered communications from [illegible] Grahame-White [illegible] Aero Club of America [illegible] regarding the Statue of Liberty race [illegible] J. B. Moisant.

The Committee took note of the following:—

[illegible]

The Committee [illegible] Fédération Aéronautique [illegible] White.

The Secretary [illegible] Aero Club of America [illegible]

Rolls Memorial Fund.

Members who have not yet sent in their donations [illegible]

[illegible] Aeronautical Library at the Royal Aero Club [illegible] the Rolls Memorial Library.

[illegible] Rolls Memorial Library [illegible] greatly appreciated.

A list of subscriptions received [illegible] November, was published in the [illegible]

[illegible] R. W. Wallace, K.C. [illegible] Henry [illegible] Marquis de Kergariou.

[illegible]

[illegible] Southern [illegible]

Baron de Forest £4,000 Prize.

[illegible] September 30th, 1910.

Aviators' Certificates.

[illegible] United Kingdom [illegible] Fédération Aéronautique [illegible] February 1st, 1911 [illegible]

[illegible]

1. [illegible] These flights [illegible]

2. [illegible] Royal Aero Club.

[illegible]

[illegible] Royal Aero Club.

3. [illegible] qualifying [illegible]

4. [illegible]

[illegible] Royal Aero Club [illegible] Fédération Aéronautique [illegible]

5. [illegible] Royal Aero Club [illegible]

[illegible] Royal Aero Club [illegible]

Eastchurch Flying Ground.

[illegible] Queenborough [illegible] Railway for Eastchurch, which is [illegible] from the flying ground.

Railway Arrangements.—The [illegible] arranged with the railway company [illegible] visiting Eastchurch:—

[illegible] Class, [illegible]; 2nd Class, [illegible]; 3rd Class, 5s.

Tickets available for one month from date of issue.

Members [illegible] Secretary of the Royal Aero Club. [illegible] Victoria, Holborn, or St. Paul's.

Members [illegible] flying ground at Eastchurch are [illegible]

[illegible] Secretary of the Royal Aero Club.

Aviation Lantern Slides.

The Royal Aero Club have now acquired a large collection of lantern slides [illegible] They [illegible] Applications for loan should be made to the Secretary.

HAROLD E. PERRIN,
Secretary.

166, Piccadilly.

PROGRESS OF FLIGHT ABOUT THE COUNTRY.

NOTE.—Secretaries' [illegible] of [illegible] follow [illegible] the names of the clubs where communications [illegible] may be addressed direct to the Secretary. We would ask Club Secretaries to [illegible] regarding these Clubs reach the Editor of FLIGHT, 44, St. Martin's Lane, London, W.C., by first post Tuesday in [illegible] week.

A Model Making Club at [illegible].

MR. J. [illegible] the president of a model [illegible] club at [illegible] Road, informs us that he [illegible] in need of new members. The [illegible] subscriptions [illegible] low, and a new workshop has lately been acquired. The [illegible] is devoted to the study of aeronautical [illegible], and the [illegible].

A Model Aero Club [illegible].

MR. [illegible], of 130 [illegible] Road, [illegible] that it might be possible to form a model aero [illegible] district, as there is not a club within a reasonable distance. Mr. [illegible] would be pleased if those interested in the proposal would [illegible] with him.

[illegible] School Ae.C. ([illegible] Road, [illegible]).

[illegible] Saturday, November [illegible], [illegible] the members of the [illegible] was held [illegible] a special [illegible] from the [illegible] for the occasion. There were [illegible] competitors [illegible] wind, [illegible] in the [illegible] who has [illegible] the club on other [illegible] unfavourable circumstances, [illegible] were decidedly satisfactory. [illegible] Saturday [illegible] one [illegible] competition.

Through the generosity of [illegible] the club has recently acquired [illegible] yards by [illegible] yards, [illegible] being absolutely level and clear of trees. This [illegible] great opportunity for [illegible] model-making and [illegible] flights [illegible].

[illegible] Aero Club ([illegible]).

[illegible] competition for [illegible] on Tuesday, [illegible] the [illegible] Reservoir. [illegible] yards [illegible] will be [illegible].

[illegible] Mr. C. H. Wood [illegible].

[illegible] flying in [illegible] field [illegible].

Bristol and West of England Ae.C. ([illegible] Road, [illegible]).

A LARGE number of members of the club have been [illegible] days [illegible] with the [illegible] Downs, and [illegible] great impetus to aviation in the [illegible].

The [illegible] Aeroplane Co., Ltd., [illegible] will be made by [illegible] members [illegible]. The ground is [illegible] miles from the [illegible] College [illegible] Aeroplanes, by Mr. A. R. [illegible], to be given on Wednesday [illegible] titles [illegible] are as follows: [illegible] November 7th, "The [illegible] and

[illegible] in Flying Machines," by Mr. [illegible]; [illegible] "[illegible] Flying Machine Motion," by Prof. [illegible] Morgan; [illegible] "The Curving of the Aeroplane," by Mr. E. S. Bruce; March 8th, "Vertical Flight and Reduced Horse-Power," by Mr. Joseph [illegible]. Members have the opportunity of attending these lectures without charge. The club room is open to members and their friends every night in the week, but Thursday has [illegible] special club night.

[illegible] and [illegible] Model Ae. Soc. ([illegible]).

An [illegible] has now been [illegible], and all [illegible] will be gladly received. [illegible] "[illegible] and Model Flight," by [illegible], members now have the advantage of reading [illegible]. The [illegible] will be [illegible] weekly papers and magazines [illegible].

[illegible] Model Aero Club.

The [illegible] very promising manner, and is fully justifying the [illegible] of its founders. Among the members [illegible]. [illegible] prizes have been offered, [illegible].

[illegible] London Aero Club ([illegible] Lane, [illegible], E.).

[illegible] has been [illegible] to [illegible] the science and sport of aviation in the district of [illegible] London.

A series of lectures by [illegible] being [illegible] for by [illegible] members, and the [illegible] will be expected [illegible] models and gliders.

The [illegible] members [illegible] apply to Ernest [illegible], secretary, at above address, for [illegible].

Kensington Aero Club ([illegible], W.).

A [illegible] meeting [illegible] the Kensington Aero Club was held [illegible] Mr. [illegible], who presided, [illegible] of the [illegible] is being [illegible] by one of the members, [illegible]. It is proposed to investigate [illegible] advanced stages of [illegible] with [illegible] Kensington.

Kite and Model Aeroplane Assoc. ([illegible], Westminster).

[illegible] Association will be held [illegible] by Mr. [illegible] Model Aeroplanes and Gliders. The paper [illegible] the [illegible] of the [illegible] Society [illegible] will be held [illegible].

Paddington and District Aero Club ([illegible], W.).

[illegible] residing in London [illegible] for the [illegible], and the [illegible] members. The [illegible] of the club [illegible] by [illegible] Mr. [illegible] and Mr. [illegible] have been arranged to take place during the [illegible], members may work independently or together [illegible] different subjects.

Yorkshire Ae.C. (Model Section) ([illegible], Leeds).

An [illegible] was held on Saturday [illegible] Hill. Of the [illegible] models [illegible] flying [illegible] Competition flying will take place every Saturday [illegible] p.m. [illegible] flying models are [illegible]. All communications [illegible] to S. W. [illegible], hon. secretary.

FROM THE BRITISH FLYING GROUNDS.

Royal Aero Club Grounds, Eastchurch.

[illegible]

[illegible]

Brooklands Aerodrome.

[illegible]

[illegible]

Lanark Aerodrome.

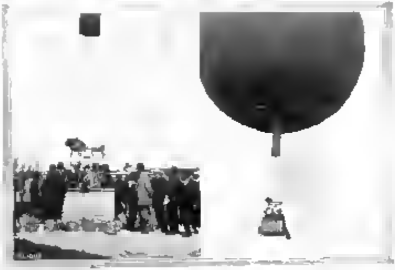
[illegible]

◆ ◆ ◆ ◆

AIRSHIP AND BALLOON NEWS.

The Willows Airship in France.

[illegible]



Ready and Away.

A BRITISH BALLOON ASCENT IN CHILI. From Mr. J. Hannan Griffiths we have received the two very interesting photographs of the first balloon ascent made with his balloon at Santiago, Chili. The passengers of the car were Mr. Short of London, Señor Don Marco Clark, and Miss Clark, and Señor H. [illegible]. The balloon was sent over in charge of Mr. Short to take part in the Chili Centenary Celebrations last September.

INTER[illegible]IONAL BALLOON [illegible] FOR THE [illegible]
[illegible]

French [illegible]

[illegible]

[illegible]

* * *

BRITISH NOTES OF THE WEEK

[illegible]

[illegible]

[illegible]

[illegible]

Cross-Channel Flying

[illegible]

"Tellier" Monoplanes for England

[illegible]

Materials for Model Making

[illegible]

BRITISH REPRESENTATIVES IN THE INTERNATIONAL MEETING AT BELMONT PARK, N.Y.—[illegible] Messrs. Alec Ogilvie, James Radley, Claude Grahame-White, and W. McArdle.

An Aviation Catalogue

[illegible]

Another Burberry Book

[illegible]

Grahame-White's racing biplane at the Belmont Park U.S.A. Meeting.

FOREIGN AVIATION NEWS.

Changes in the American Aero Club.

[illegible]

Five Persons on a Henry Farman Machine.

[illegible]

Flying Home from Aeroplane School.

[illegible]

English Visitors [illegible]

[illegible]

Aeroplanes [illegible]

[illegible]

New Maurice Farman [illegible]

[illegible] which he has designed [illegible] Wright [illegible]

A Military Tellier Monoplane.

[illegible]

The First Japanese Flight.

[illegible]

Paris to Brussels Flight.

[illegible]

A [illegible]

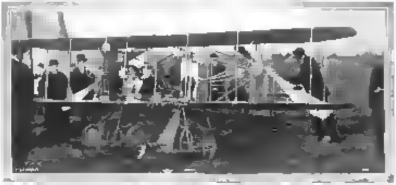
[illegible]

Count Zeppelin [illegible] Prize.

[illegible]

[illegible] Flying.

[illegible]



The new "Baby Wright" [illegible] which made its first appearance at the Belmont Park, U.S.A., International Meeting, [illegible] will be [illegible] print.

[illegible] Aero Dec [illegible]

[illegible]

[illegible]

[illegible]

An American [illegible]

[illegible]

[illegible] in Baltimore

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] U.S.A. [illegible] £10,000 [illegible]

[illegible]

[illegible]

[illegible]

[illegible] Wright [illegible] N.Y.

CORRESPONDENCE.

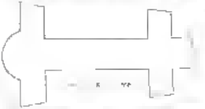
The Editor does not hold himself responsible for [illegible] Letters intended for publication [illegible] or correspondents.

Correspondents communicating with regard to letters which they have read in FLIGHT would much facilitate ready reference by quoting the number of such each letter.

AEROPLANES AND YACHTS. [illegible]

[illegible] I [illegible]

[illegible]



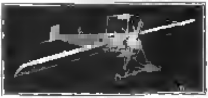
[illegible]

THE C.E. MONOPLANE AND BIPLANE.

[illegible]

[illegible] photographs show [illegible]

[illegible]



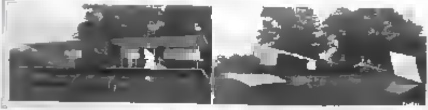
[illegible]

[illegible]

[illegible]

[illegible] PLANES.

[illegible]



[illegible] C.E. Biplane, [illegible]

[illegible]

S. C. M.

GYROSCOPIC STABILITY

[illegible]

PENDULUM STABILITY

[illegible]

CYCLOPLANE

[illegible]

GIVAUDAN AEROPLANE

[illegible]

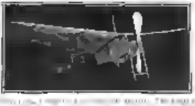
THE NEALE CONTROL

[illegible]

MODELS

MODEL CHASSIS

[illegible]



[illegible]

[illegible]

MODEL BLERIOT

[illegible]

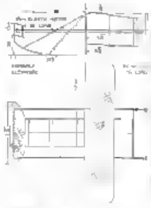
MODEL BIPLANE

[illegible]

[illegible]

MODEL WRIGHT BIPLANE

[illegible]



[illegible] from the [illegible] model [illegible] Handley [illegible]

[illegible] However [illegible] Through [illegible] good [illegible] I [illegible] [illegible]

The [illegible]

MODEL CONSTRUCTION

[illegible]

[illegible]

[illegible] Bedford [illegible]

⁂

PUBLICATIONS RECEIVED.

[illegible] Thames.

⁂

RECORDS

Distance and Duration. [illegible] Farman [illegible]

Speed. [illegible]

Altitude. Johnstone, American, at [illegible] Wright biplane [illegible] 9,714 ft.

Aeronautical Patents Published.

Applied for in 1909.

[illegible]

Applied for in 1910.

[illegible]

BACK NUMBERS OF "FLIGHT."

Several back numbers [illegible] been [illegible]

No. 2	[illegible]	[illegible]	[illegible]
4	Feb. [illegible]	[illegible] Fly.	[illegible]
		Aeronautical [illegible]. Wright [illegible]	
8	[illegible]	Flying [illegible]	[illegible]
10	Mar. [illegible]	[illegible] Wright [illegible] Stellhausen. Military Aeronautics.	[illegible]
13	[illegible]	Souvenir Supplement	[illegible]
[illegible]	Apr. [illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible] Model [illegible] Olympia.	3 [illegible]
[illegible]	July [illegible]	[illegible] (Full page drawing)	[illegible]
[illegible]	Oct. [illegible]	[illegible] Monoplane	[illegible]

Other back numbers [illegible] Nos. 3 and 4, which are [illegible] post free, [illegible] each, including descriptions and scale drawings of the Voisin (Nos. 33 and 34), Curtiss (No. [illegible]), Cody (No. 34), Farman (No. [illegible]), and Wright (No. [illegible]) biplanes, the Santos Dumont (Nos. [illegible] and [illegible]), and [illegible] (No. [illegible]) monoplanes, and [illegible] Wright Glider (Nos. 38 and 39).

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[illegible]

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[illegible]

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